



IPS Engine for FortiOS - Release Notes

Version 6.0

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IPS Engine for FortiOS 6.0 Release Notes

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Change log

Date	Change Description
2020-08-18	Initial release.
2020-08-21	Updated Introduction on page 5 .

Introduction

This document provides the following information for the Fortinet IPS Engine 6.0 build 036.

- [What's new in IPS Engine 6.0 build 036 on page 6](#)
- [Product integration and support on page 7](#)
- [Resolved issues on page 8](#)
- [Known issues on page 10](#)

IPS Engine for FortiOS 6.0 build 036 is a release to FortiGuard. It is not a built-in release for FortiOS.

For additional FortiOS documentation, see the [Fortinet Document Library](#).

What's new in IPS Engine 6.0 build 036

Bug ID	Description
613814	IPS memory reduction (phase 2).

Product integration and support

The following table lists IPS engine product integration and support information:

FortiOS	6.4.0 and later
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Resolved issues

The resolved issues listed below do not list every bug that has been corrected with this release. For inquiries about a particular bug, contact [Customer Service & Support](#).

Bug ID	Description
497024	Flow-mode banned-word spam filter log is missing the banned-word.
522125	Flow Web Filter statistics counter double-counts when local URL filter is enabled in profile for one request.
582936	IPS traffic log and pcap archive do not match.
585759	FQDN updates code sometimes keeps a released pointer and rereleases it later. This can cause memory corruption issues.
595062	SSL offloading randomly does not work when ultimate threat protection (antivirus (AV)/IPS) is enabled on firewall policy.
595659	SSL session info is released in ips_compact_session then crashes when URL filter query result comes back.
595781	The engine can randomly crash in some timer.
595949	Any changes in security policy table resets the hit count.
596808	IPS engine crash happens in SSL packet finish handler.
603809	Intermittent memory leak with IPS engine.
603975	Use share memory pool for resigned SSL server certificates.
610906	High CPU usage by IPS causes traffic latency.
620800	Flow AV: UTF-8 filename in log is incorrect.
620989, 622741	IPS engine crashes due to buffer overflow with enable write.
621190	Some websites are allowed without explicit policy when a NFGW app-id policy is configured.
622806	Optimization requires checking if the server's DH public key is a safe prime, which is expensive, and leads to several signal 14 crash reports.
625279	IPS engine crashes with LMDB: dns-any-client position: 162 Error code: No space error.
631828	After enabling deep inspection, large file (size above 2 GB) downloads via HTTPS and via browser fail.
634687	Starttls traffic resigned in certificate-inspection mode.
637801	When the server cache is cleared, the first visit to Webex is passed even though it is set to block.

Bug ID	Description
644375	Explicit proxy mode application control bugs.
648079	DLP allows downloading blocked file on resume session.
655972	Custom category action set to Allow in Web Filter profile causes URL to use FortiGuard category rather than custom one.
657466	Local URL filter configuration in flow Web Filter does not work when the matched FortiGuard category is also enabled in Web Filter profile.

Known issues

There are no known issues with this release of IPS Engine for FortiOS, version 6.0.

To report a bug, please contact [Customer Service & Support](#).



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